

Experiment Number: A15927

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 09/20/2018

Time Report Requested: 04:00:45

NTP Study Number:

A15927

Study Duration:

14 Days

Study Methodology:

Slide Scoring

Female Study Result:

Equivocal

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Tissue: Bone marrow; Sex: Female; Number of Treatments: 14; Time interval between final treatment and cell sampling: 24 h

MN PCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	1.90 ± 0.43	
3000.0	10	1.20 ± 0.33	0.8958
6000.0	10	1.10 ± 0.38	0.9281
12000.0	10	1.50 ± 0.34	0.7538
Trend p-Value		0.6970	

Trial Summary: Equivocal

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MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.70 ± 0.26	
3000.0	10	0.90 ± 0.31	0.3085
6000.0	10	1.50 ± 0.37	0.0440
12000.0	10	2.00 ± 0.42	0.0061 *
Trend p-Value		0.0020 *	

Trial Summary: Equivocal

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at $p = 0.025/\text{number of treatment groups}$; positive control value is significant at $p = 0.05$

Cochran-Armitage trend test, significant at $p = 0.025$

* Statistically significant pairwise or trend test

1: Vehicle Control: Feed

**** END OF REPORT ****